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PATENT ABSTRACTS OF JAPAN

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(71)Applicant : UBE IND LTD

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(54) PRODUCTION OF HOLLOW YARN MEMBRANE MODULE CARTRIDGE

(57)Abstract:

PURPOSE: To obtain a membrane module in which the aperture ends of hollow yarn are formed in a cutting plane by containing a collected hollow yarn bundle into the hollow part of a tubular structural body and fixing it with a potting material and thereafter cutting it.

CONSTITUTION: A collected hollow yarn bundle is contained into the hollow part of a tubular structural body and the hollow yarn is liquidtightly fixed to the inner face of the tubular structural body by a potting material. Then at least one end face of the potting material part is cut to form the aperture end of hollow yarn in the cutting plane. The tubular structural body incorporated at least one or more kinds of material selected from among an adsorbent, an absorbent, a reactive medicinal agent and a filter medium. Further, as the tubular structural body, when a columnar body having the hollow part capable of containing the porous hollow yarn bundle in the central part is used, any shape may be used. As the potting material used in the potting material part, polyurethane or epoxy is preferably used.

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